<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:00 – 9:40</td>
<td>Welcome and breakfast</td>
<td>Mainsail</td>
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<tr>
<td>9:40 – 11:10</td>
<td>Session 1 Moderator: Matthew Rasband</td>
<td>Mainsail</td>
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<tr>
<td>9:40 – 10:00</td>
<td>O1 Jacyn Patterson Investigating reduced Bayesian prior in autistic</td>
<td>Mainsail</td>
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<td>spectrum disorders</td>
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<tr>
<td>10:00 – 10:20</td>
<td>O2 Meike van der Heijden ATOH1-dependent neurons involved in</td>
<td>Mainsail</td>
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<td>chemoresponses are essential for neonatal survival</td>
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<td>10:20 – 10:40</td>
<td>O3 Heather Born Strain-specific phenotypes in the maternally deficient</td>
<td>Mainsail</td>
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<td>Ube3a Angelman syndrome mouse model</td>
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<td>10:40 – 11:10</td>
<td>O4* Trent Watkins The neuronal injury response: friend and foe</td>
<td>Mainsail</td>
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<tr>
<td>11:10 – 1:00</td>
<td>Lunch</td>
<td>Grand Ballroom</td>
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<tr>
<td>11:15 – 12:15</td>
<td><strong>Student meeting with advisors</strong></td>
<td>Mainsail</td>
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<tr>
<td>1:00 – 2:30</td>
<td>Session 2 Moderator: Joanna Jankowsky</td>
<td>Mainsail</td>
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<tr>
<td>1:00 – 1:20</td>
<td>O5 Henry Cham Gravity encoding in mice head direction cells</td>
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<td>1:20 – 1:40</td>
<td>O6 Chien-Ju Chen Genetic inhibition of mTORC2 rescued neurological</td>
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<td>dysfunction and brain glucose metabolism in PTEN deficient mouse</td>
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<td>model of ASD</td>
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<td>1:40 – 2:00</td>
<td>O7 Amanda Taylor Characterization of the hemodynamic response</td>
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<td>function across human cerebral cortex</td>
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<td>2:00 – 2:30</td>
<td>O8* Mike Beauchamp Models and mechanisms of multisensory speech</td>
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<td>perception</td>
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<tr>
<td>2:30 – 4:00</td>
<td>Poster session and coffee break</td>
<td>Grand Ballroom</td>
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<tr>
<td>4:00 – 5:15</td>
<td>Session 3 Moderator: Ben Deneen</td>
<td>Mainsail</td>
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<td>4:00 – 4:20</td>
<td>O9 Courtney Garcia Comparison of neural and perceptual thresholds in</td>
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<td></td>
<td>Macaque brainstem</td>
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<td>4:20 – 4:40</td>
<td>O10 Amber Levine Autonomic dysfunction and increased arrhythmogenic</td>
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<td>potential in mice following status epilepticus</td>
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<td>4:40 – 5:10</td>
<td>O11* Hyun-Kyoung Lee Developmental gliogenesis: new perspectives and</td>
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<td>paradigms for repairing the CNS</td>
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<tr>
<td>5:15 – 6:00</td>
<td>Hotel check-in (keys available at Mainsail registration desk)</td>
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<tr>
<td>6:00 – 7:00</td>
<td>Cocktail reception</td>
<td>Grand Ballroom</td>
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<tr>
<td>7:00 – 7:30</td>
<td>Paul Pfaffinger Dinner/Keynote Address/Awards</td>
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<tr>
<td>7:30</td>
<td>Catherine Dulac Rush and Helen Record Neuroscience Forum Keynote</td>
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<tr>
<td></td>
<td>Lecture: Molecular and Neural Architecture of Social</td>
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<td></td>
<td>Behavior Circuits</td>
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<tr>
<td>9:00</td>
<td>Neuroscience Social</td>
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</tbody>
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*Presentations with an asterisk have no printed abstract in book
**27th Rush and Helen Record Neuroscience Forum**  
**Baylor College of Medicine**  
**Saturday, February 11, 2017**

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<tbody>
<tr>
<td>7:30 – 9:00</td>
<td>Buffet breakfast</td>
<td>Grand Ballroom</td>
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<tr>
<td>9:00 – 10:30</td>
<td><strong>Session 4 Moderator: Mauro Costa-Mattioli</strong></td>
<td>Mainsail</td>
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<tr>
<td>9:00 – 9:30</td>
<td>O12* Shinya Yamamoto Using Drosophila discover new genes involved in human neurological disorders</td>
<td>Mainsail</td>
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<tr>
<td>9:30 – 9:50</td>
<td>O13 Lexi Crommett Auditory adaptation improves tactile frequency perception</td>
<td>Mainsail</td>
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<tr>
<td>9:50 – 10:20</td>
<td>O14* Xiaolong Jiang Dissecting cortical microcircuit: from cell types, connectivity motifs to cell-type specific functions</td>
<td>Mainsail</td>
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<tr>
<td>10:20 – 10:45</td>
<td>Break</td>
<td>Mainsail</td>
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<tr>
<td>10:45 – 12:00</td>
<td><strong>Session 5 Moderator: Kim Tolias</strong></td>
<td>Mainsail</td>
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<tr>
<td>10:45 – 11:05</td>
<td>O15 Asante Hatcher The role of tau in modulating hyper-excitability across multiple models of epilepsy</td>
<td>Mainsail</td>
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<td>11:05 – 11:25</td>
<td>O16 Hongxia Wang Characterization of feed forward inhibition in a looming detection circuit</td>
<td>Mainsail</td>
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<td>11:25 – 11:55</td>
<td>O17* Matthew McGinley Closed-loop peripheral nerve stimulation to achieve optimal auditory learning</td>
<td>Mainsail</td>
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<tr>
<td>Noon – 1:00</td>
<td>Paul Pfaffinger, Lunch and Talk Awards</td>
<td>Grand Ballroom</td>
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</tbody>
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**Adjourn**

*SPECIAL NOTE for those participating in afternoon recreation at Pleasure Pier: Please meet at entrance to Pleasure Pier at 1:15pm – 1:45 to line up for ride admission wristband*